

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: 03495-0213

In re patent application of

FLAMAND, MARIE et al.

Serial No. 09/980,839

Filed: December 7, 2001

For: EARLY DETECTION OF FLAVIVIRUSES USING THE NS1  
GLYCOPROTEIN

STATEMENT TO SUPPORT FILING AND SUBMISSION IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

1. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter;

2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and

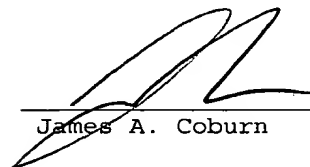
3. all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

Serial No. 09/980,839

States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

April 23, 2002  
Date

  
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 DESPRES, PHILIPPE  
 DEUBEL, VINCENT

<120> EARLY DETECTION OF FLAVIVIRUSES USING THE NS1  
 GLYCOPROTEIN

<130> 03495-0213

<140> 09/980,839  
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<150> PCT/FR00/01620  
 <151> 2000-06-09

<150> FR 99/07290  
 <151> 1999-06-09

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Thr	Leu	Tyr	Leu	Gly	Val	Met	Val	Gln	Ala	Asp	Ser	Gly	Cys	Val	Ile	
			20					25					30			
aac	tgg	aag	ggc	aga	gaa	ctc	aaa	tgt	gga	agt	ggc	att	ttt	gtc	act	144
Asn	Trp	Lys	Gly	Arg	Glu	Leu	Lys	Cys	Gly	Ser	Gly	Ile	Phe	Val	Thr	
		35					40					45				
aat	gaa	gtc	cac	act	tgg	aca	gag	caa	tac	aaa	ttc	cag	gct	gac	tcc	192
Asn	Glu	Val	His	Thr	Trp	Thr	Glu	Gln	Tyr	Lys	Phe	Gln	Ala	Asp	Ser	
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Pro Lys Arg Leu Ser Ala Ala Ile Gly Lys Ala Trp Glu Glu Gly Val	
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Cys Gly Ile Arg Ser Ala Thr Arg Leu Glu Asn Ile Met Trp Lys Gln	
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ata tca aat gaa ttg aac cac att cta ctt gaa aat gac atg aaa ttc	336
Ile Ser Asn Glu Leu Asn His Ile Leu Leu Glu Asn Asp Met Lys Phe	
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Thr Val Val Val Gly Asp Ala Asn Gly Ile Leu Ala Gln Gly Lys Lys	
115 120 125	
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Met Ile Arg Pro Gln Pro Met Glu His Lys Tyr Ser Trp Lys Ser Trp	
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Gly Lys Ala Lys Ile Ile Gly Ala Asp Thr Gln Asn Thr Thr Phe Ile	
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Ile Asp Gly Pro Asp Thr Pro Glu Cys Pro Asp Asp Gln Arg Ala Trp	
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aac att tgg gaa gtt gag gac tat ggg ttt gga att ttc acg aca aac	576
Asn Ile Trp Glu Val Glu Asp Tyr Gly Phe Gly Ile Phe Thr Thr Asn	
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Ile Trp Leu Lys Leu Arg Asp Ser Tyr Thr Gln Met Cys Asp His Arg	
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Leu Met Ser Ala Ala Val Lys Asp Ser Lys Ala Val His Ala Asp Met	
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245 250 255	
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260 265 270	
tat gga gga cca ata tct cag cac aat tac aga cca ggg tat ttc aca	864
Tyr Gly Gly Pro Ile Ser Gln His Asn Tyr Arg Pro Gly Tyr Phe Thr	
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 Asp Gly Cys Trp Tyr Gly Met Glu Ile Arg Pro Val Lys Glu Lys Glu  
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 35 40 45  
  
 Asn Glu Val His Thr Trp Thr Glu Gln Tyr Lys Phe Gln Ala Asp Ser  
 50 55 60  
  
 Pro Lys Arg Leu Ser Ala Ala Ile Gly Lys Ala Trp Glu Glu Gly Val  
 65 70 75 80  
  
 Cys Gly Ile Arg Ser Ala Thr Arg Leu Glu Asn Ile Met Trp Lys Gln  
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 Ile Ser Asn Glu Leu Asn His Ile Leu Leu Glu Asn Asp Met Lys Phe  
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 Thr Val Val Val Gly Asp Ala Asn Gly Ile Leu Ala Gln Gly Lys Lys  
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 Met Ile Arg Pro Gln Pro Met Glu His Lys Tyr Ser Trp Lys Ser Trp  
 130 135 140

